

Appl. No. 10/037,497
Amdt. Dated October 29, 2004
Reply to Office action of October 4, 2004
Attorney Docket No. P15138-US1
EUS/J/P/04-2148

Amendments to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A method of providing multi-extension functionality to a group of mobile terminals in a wireless communication network, comprising:
receiving a call at a switching center directed to a common number shared by two or more mobile terminals, and
connecting said call to at least one of said mobile terminals.
2. (Original) The method of claim 1 wherein connecting said call to at least one of said mobile terminals comprises:
selecting one or more mobile terminals sharing said common number; and
connecting said call to said selected mobile terminals.
3. (Original) The method of claim 2 wherein selecting one or more mobile terminals sharing said common number comprises:
prompting a caller to select at least one mobile terminal sharing said common number;
receiving the caller's selection; and
connecting said call to the mobile terminal selected by the caller.
4. (Original) The method of claim 4 further comprising establishing a group call if the caller selects two or more mobile terminals.
5. (Original) The method of claim 1 wherein connecting said call to at least one of said mobile terminals comprises establishing a group call involving two or more mobile terminals.
6. (Original) The method of claim 1 further comprising:

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maintaining a subscriber database accessible to said switching center for storing said common number shared by two or more mobile terminals, wherein said switching center accesses said subscriber database to identify said mobile terminals.

7. (Original) A method of providing multi-extension functionality to a group of mobile terminals in a wireless communication network, comprising:

receiving a call at a switching center directed to a called number; and

determining whether the called number is a common number shared by two or more mobile terminals.

8. (Original) The method of claim 7 further comprising storing subscriber phone numbers in a subscriber database, said database further including data indicating whether a subscriber phone number is a common number, and using said subscriber database to determine whether the called number is a common number shared by two or more mobile terminals.

9. (Original) The method of claim 7 further comprising, if said called number is a common number, connecting said call to at least one mobile terminal sharing said common number.

10. (Original) The method of claim 9 wherein connecting said call to at least one mobile terminal sharing said common number comprises:

selecting one or more mobile terminals sharing said common number; and

connecting said call to said selected mobile terminals.

11. (Original) The method of claim 10 wherein selecting one or more mobile terminals sharing said common number comprises:

prompting a caller to select at least one mobile terminal sharing said common number;

receiving the caller's selection; and

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connecting said call to the mobile terminal selected by the caller.

12. (Original) The method of claim 11 further comprising establishing a group call if the caller selects two or more mobile terminals.

13. (Original) The method of claim 9 wherein connecting said call to at least one mobile terminal sharing said common number comprises establishing a group call involving two or more mobile terminals.

14. (Original) The method of claim 7 further comprising:
maintaining a subscriber database accessible to said switching center for storing said common number shared by two or more mobile terminals, wherein said switching center accesses said subscriber database to identify said mobile terminals.

15. (Original) A method of providing multi-extension functionality to a group of mobile terminals in a wireless communication network, comprising:

storing subscriber phone numbers in a subscriber database, said subscriber database including data indicating whether a subscriber phone number is a common number shared by two or more mobile terminals;

determining whether a called number associated with a call is a common number shared by two or more mobile terminals; and

connecting calls directed to a common number to at least one mobile terminal associated with the common number.

16. (Original) The method of claim 15 wherein connecting calls directed to a common number to at least one mobile terminal associated with the common number comprises:

selecting one or more mobile terminals sharing said common number; and
connecting said call to said selected mobile terminals.

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17. (Original) The method of claim 16 wherein selecting one or more mobile terminals sharing said common number comprises:

prompting a caller to select at least one mobile terminal sharing said common number;

receiving the caller's selection; and

connecting said call to the mobile terminal selected by the caller.

18. (Original) The method of claim 17 further comprising establishing a group call if the caller selects two or more mobile terminals.

19. (Original) The method of claim 15 wherein connecting calls directed to a common number to at least one mobile terminal associated with the common number comprises establishing a group call involving two or more mobile terminals.

20. (Original) The method of claim 15 further comprising:
maintaining a subscriber database for storing said common number shared by two or more mobile terminals; and
accessing said subscriber database to identify said mobile terminals.

21-35. (Cancelled)

36. (Original) A wireless communication network, comprising:
a database storing subscriber information, said database storing at least one common number associated with a group of mobile terminals; and
a mobile switching center operative to route calls to one of said mobile terminals in said group when a call is placed by a party to said common number.

37. (Original) The network of claim 36 wherein said mobile switching center pages all available mobile terminals in said group, and routes said call to the first mobile terminal in said group to answer.

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38. (Original) The network of claim 36 wherein said mobile switching center calls all available mobile terminals in said group, and routes said call to all mobile terminals in said group to answer, forming a conference call.

39. (Original) The network of claim 36 wherein said mobile switching center prompts said party to select a mobile terminal from said group, and routes said call to the selected mobile terminal.

40-44. (Cancelled)